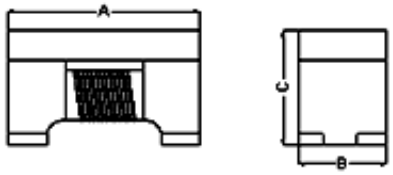
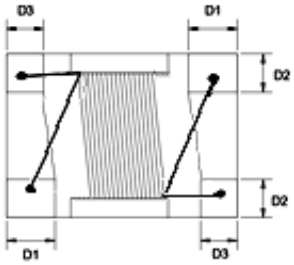
Wire Wound Type Common Mode Filter ACM6545F2NO-101-T

1. Features

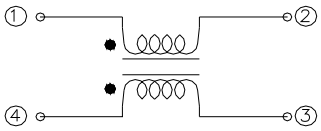
1. 100BASE PoDL common mode choke.
2. ACM6545F2N series realizes small size and low profile. 6.5x4.5x2.8 mm.
3. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125℃(Including self - temperature rise).

2. Dimension



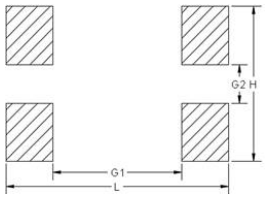


Bottom View



Schematic Diagram

Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
ACM6545F2N	6.50±0.30	4.50±0.20	2.70±0.20	0.88±0.20	1.30±0.20	0.76±0.15	7.20	4.60	5.08	2.60

3. Part Numbering

ACM	6545	F	2	N	O	-	101	-	T
A	B	C	D	E	F		G		H

A: Series
B: Dimension
C: Material Ferrite Core
D: Number of Lines 2=2 lines
E: Type S=Shielded, N=Unshielded
F: Category Code Industrial Grade
G: Inductance 101=100uH
H: Twist

4. Specification

TAI-TECH Part Number	Inductance (μH)+50/-30% [100kHz/0.1V]	Insertion loss (Sdd21) (above dB)	Return Loss (Sdd11) (below dB)			Common Mode Rejection (Scc21) (below dB)				
		1-60 MHz	1-10 MHz	30 MHz	60 MHz	1 MHz	10 MHz	60-100 MHz	300 MHz	1000 MHz
ACM65452F2NO-101-T	100	-1.0dB	-28 dB	-23 dB	-18 dB	-18 dB	-35 dB	-43 dB	-30 dB	-25 dB

Differential to Common Mode Rejection (Sds21) (below dB)				Current Rating (mA) max.
1-10MHz	100MHz	300MHz	1000MHz	
-65 dB	-50 dB	-35 dB	-25dB	350

Note:

- All test data referenced to 25℃ ambient.

5. MEASURING CIRCUITS 2LINE

